



ABSTRACT

A method for amplifying a DNA is disclosed. A cDNA comprising at least two kinds of nucleotide analogs is prepared by a reverse transcription reaction using an RNA as a template in the presence of at least one nucleotide analog selected from the group consisting of 7-Deaza-dGTP and dITP, and at least one nucleotide analog selected from the group consisting of 7-Deaza-dATP and hydroxymethyl dUTP. A desired DNA is amplified from the cDNA obtained above in the presence of two or more kinds of nucleotide analogs, wherein at least one nucleotide analog is selected from the group consisting of 7-Deaza-dGTP and dITP, and at least one nucleotide analog is selected from the group consisting of 7-Deaza-dATP and hydroxymethyl dUTP. The nucleotide analogs are uniformly incorporated into the resulting DNA and do not cause termination of the amplification, thereby selectively amplifying DNA of a target sequence derived from RNA.